

DETAILED STATEMENT OF WORK

Attached to and made a Part of contract No. DACW57-97-D-0004

**Task Order No. DY01
Modification No. 007**

**Lake Belton and Lake Waco, Texas
November 07, 2003**

1.0 General. This modification addresses activities associated with the Bosque and Leon River Watersheds Perchlorate project. Task Order No. DY01, is being modified (Modification No. 7) to address the additional tasks involved for removal of monitoring wells and activities involved in additional storm sampling. This modification changes the requested administrative tasks, necessary to continue this study, through to April 2004. All sections of the original task order and previous modifications shall remain valid except where discussed below.

1.1 Period of Performance. This modification extends the period of performance to April 30, 2004.

2.0 Scope. As stated above, this modification continues efforts that were begun under previous authorizations. The numbering for the tasks of this Modification continues the sequence of those authorizations.

2.1.2 Task 1.2 - DEVELOP & MAINTAIN DEDICATED PUBLIC INFORMATION WEBSITE.

The A-E shall continue to maintain the public information webpage developed under the original scope of work. The site shall be updated monthly for the 4 months January 2004 through April 2004.

2.4 Task 4 – PROJECT REPORTING AND PAYMENT REQUESTS.

A Monthly Progress Report shall be submitted for each month of the contract period. The report shall be sent to the USACE Project Manager on or before the 12th day of the following month. The report shall contain the status, on a percentage basis, of the total amount of work completed. Payment requests shall also be included with the progress report and percent claimed will coincide with the Progress Report. These reports shall be E-mailed to the USACE Engineering Manager to document the status of the study and to report progress made during the reported month. The A-E shall continue to submit Monthly Progress Reports through April 2004. This modification (No. 007) covers a total of four Progress Reports.

2.5 MEETINGS.

For estimating purposes, various meetings were specified in the original statement of work. In addition to those meetings, this contract modification adds one team meeting to be held in either Waco or Fort Worth. When practical and desirable, this meeting will

take place in the afternoon following the Navy's Restoration Advisory Board (RAB) meetings for the Naval Weapons Industrial Reserve Plant.

2.1.4 Task 1.4 - PUBLIC MEETINGS & PRESENTATIONS.

The general public and special interest groups are to be briefed on the project status and findings through a series of general public information and education meetings. These meetings should be scheduled at key milestones in the project and should generally fall into the following categories:

This contract modification adds the following meetings to be attended by the A-E.

- Two presentations to Stakeholder group in the Waco/ Temple area
- Two Public Information/Education Briefing in the Waco/ Temple area
- One Public Discussion meeting in the Waco/ Temple area to discuss the findings of the study after the submission of the Final report

2.17 Task 17 – REMOVE INSTALLED MONITORING WELLS.

The A-E shall plug and abandon all the eleven wells installed during the Longitudinal Stream Sampling Study (2.9 TASK 9 – PROPOSED LONGITUDINAL STREAM SAMPLING STUDY) in accordance with all applicable Texas Water Well Drillers Board (TWWDB) requirements.

The depth of each well is provided below.

- MW-HC1 - 20 feet
- MW-HC2 – 35 feet
- MW-LR1 – 25 feet
- MW-OC1 – 30 feet
- MW-SBR1 – 25 feet
- MW-SBR2 – 37.5 feet
- MW-SBR3 – 25 feet
- MW-SBR4 – 25 feet
- MW-SC1 – 25 feet
- MW-SC3 – 25 feet
- MW-SC5 – 24 feet

This is a summary of the various activities to be completed under this task:

- Remove and properly dispose of all well casing and other materials removed prior to abandonment of the well.
- Remove all above grade (flush mount and stick-up) surface completions. Transport and properly dispose of removed completions.
- Demolish and remove all 4' x 4' concrete pads. Transport and properly dispose of removed concrete.
- Demolish and remove 4 bollards (if present) around each well site. Transport and properly dispose of removed bollards.

- Mobilization and Demobilization
- Provide all equipment and water needed for well abandonment and decon operations necessary for successful completion of project.
- Prepare and submit abandonment reports to TWWDB following completion of fieldwork.
- Provide one copy of abandonment reports to USACE at the same time reports is submitted to TWWDB.

All waste generated during abandonment procedures are assumed to be Class C non-hazardous demolition debris.

2.7 Task 7 – DEVELOP A SAMPLING AND ANALYSIS PLAN.

The A-E shall provide credit to USACE for the portion of the “Final Groundwater Dye Study” FSP that was not completed. MWH completed the report to 95% “draft” status. At that time, the project team decided not to complete the Groundwater Dye Tracer Study due to the quality of the information being collected in the longitudinal stream sampling study regarding the stream/ groundwater interactions. The “draft” copy of the “Draft Groundwater Dye Study” will be forwarded to USACE for incorporation in their project files.

2.12 Task 12 – GROUNDWATER DYE TRACER STUDIES.

The A-E shall provide credit for this task. This study was not completed because the project team agreed that enough information was available regarding surface water/ groundwater relationships after the start of the longitudinal stream sampling study. Groundwater interconnections have already been documented using stream level and groundwater level monitoring instruments. Therefore this study was cancelled as discussed in the June 12, 2003 project team meeting.

2.15 Task 15 – DATA QUALITY MANAGEMENT/ VERIFICATION.

This task shall be amended to include additional efforts required for the additional storm-sampling event planned to be conducted in September- October 2003 and the additional samples verified as part of the Anoxic Study.